

ABSTRACT:

The micro relay of the present invention comprises a base substrate 3, an armature block 5, and a cover 7. The base substrate 3 has a storage recess 41 for accommodating an electromagnetic device 1. The storage recess is
5 composed of a hole 41a penetrating the base substrate 3 and a thin storage recess lid fixed on the one surface of the base substrate to close the hole. The electromagnetic device 1 is isolated from a contact mechanism by the storage recess lid 41b to increase the reliability of the contacts. The electromagnetic
10 device 1 includes a yoke 10, a coil 11 wound around the yoke to generate a flux in response to an exciting current, and a permanent magnet 12 secured to the yoke to generate a flux flowing through an armature 51 and the yoke 10. Because the permanent magnet 12 is secured to the yoke 10, this micro relay can reduce the thickness.